

ABSTRACT OF THE DISCLOSURE

Disclosed is a presensitized plate composed of a support having thereon an image recording layer which includes:

an infrared absorber (A) that is a cyanine dye having at least one fused ring composed of a nitrogen-containing heterocycle in combination with an aromatic ring or a second heterocycle, and having on the aromatic ring or second heterocycle an electron-withdrawing group or a heavy atom-containing group,

a radical generator (B), and

a radical-polymerizable compound (C),

and which is removable with printing ink and/or dampening water.

The presensitized of the present invention can be imaged with an infrared light-emitting laser to directly record an image from digital data on a computer or the like and is then subjected to on-machine development without carrying out a development step, which is capable of providing a large number of good impressions with a practical amount of energy.